

## AMENDMENTS TO THE CLAIMS

1-5. (Canceled)

6. (Currently Amended) An error diffusion system, comprising:

2 resolution conversion means for transforming a pixel data value expressed as a fixed  
bit color space value of a given resolution into ~~a like~~ the closest possible fixed bit color space  
4 value of another given resolution; and

color space conversion means for transforming said ~~like~~ closest possible fixed bit color  
6 space value of another given resolution into a super pixel cell, wherein individual ones of the  
cells are assigned available output values where the average of the values in said cells is  
8 selected to be as close as possible to said fixed bit color space value of another given  
resolution.

7. (Currently Amended) An error diffusion method, comprising;

2 transforming a pixel data value expressed as a fixed bit color space value of a given  
resolution into ~~a like~~ the closest possible fixed bit color space value of another given  
4 resolution; and

transforming said ~~like~~ closest possible fixed bit color space value of another given  
6 resolution into a super pixel cell, wherein individual ones of the cells are assigned available  
output values where the average of the values in said cells is selected to be as close as possible  
8 to said fixed bit color space value of another given resolution.

8-10. (Canceled)